XPS 8500

Specifications

© 2012–2013 Dell Inc. All rights reserved.

Trademarks used in this text: Dell™, the DELL logo, and XPS™ are trademarks of Dell Inc.
Intel® is a registered trademark and Core™ is a trademark of Intel Corporation in the U.S. and other countries.
AMD Radeon™ is a trademark of Advanced Micro Devices, Inc.; Bluetooth® is a registered trademark owned by Bluetooth SIG, Inc. and is used by Dell under license.

2013 - 10 A01

Regulatory Model: D03M | Type: D03M005

Computer Model: XPS 8500

Dimensions

Height (front and back)	444.26 mm (17.49 inches)
Width	184.34 mm (7.30 inches)
Depth	406.39 mm (16.00 inches)
Average Weight	13.80 kg (30.42 lb)
	NOTE: The weight of your computer may vary depending on the configuration ordered and the manufacturing variability

System Information

Model	XPS 8500
Processor	• Intel Core i5 (3rd Generation) • Intel Core i7 (3rd Generation)
System chipset	Intel H77

Memory

Connectors	four internally-accessible DDR3 DIMM sockets
Type	unbuffered, Non-ECC, dual-channel DDR3
Speed	up to 1600 MHz
Capacities	2 GB, 4 GB, and 8 GB
Configurations supported	2 GB, 4 GB, 8 GB, 12 GB, 16 GB, and 32 GB
Minimum	2 GB
Maximum	32 GB

Video

Video controller	
Integrated	Intel HD Graphics 2500/4000
Discrete	• NVIDIA GeForce GT 620 – 1 GB GDDR5 • AMD Radeon HD 7570 – 1 GB GDDR5 • NVIDIA GeForce GT 640 – 1 GB GDDR5 • AMD Radeon HD 7770 – 2 GB GDDR5 • AMD Radeon HD 7870 – 2 GB GDDR5
Video Memory	
Integrated	up to 1 GB
Discrete	1 GB GDDR5 and 2 GB GDDR5

Audio

Type	integrated high-definition 7.1 channel audio with S/P DIF support
Controller	ALC3800-CG

Communications

Network adapter	10/100/1000 Mbps integrated network card
Wireless	• Wi-Fi 802.11 b/g/n • Bluetooth 4.0

Drives

Externally accessible	two 5.25-inch optical drives
Drives supported	• Blu-ray writer and DVD+/-RW • Blu-ray reader and DVD+/-RW combo • DVD+/-RW
Internally accessible	• two 3.5-inch SATA hard drives • one mSATA SSD
RAID support (internal SATA drives only)	RAID 0, RAID 1, RAID 5, and RAID 10

Expansion bus

PCI-Express x1	three 36-pin connectors
PCI-Express x16	one 164-pin connector
PCI-Express mini-card	one 52-pin connector

Media-card reader

Cards supported	• CF Type I and II • Micro drive • SD • Mini SD • SDHC Class 2, 4, and 6 • MMC • MMC mobile • MMC plug • RS-MMC • SMC • xD • MS • MS Pro • MS Pro Duo • MS Duo • MS Pro-HG (4 bit mode)

Power port

Input voltage	100-240 VAC
Input frequency	50 Hz-60 Hz
Rated input current	8.0 A/4.0 A

Computer environment

Temperature range	
Operating	10 °C to 35 °C (50 °F to 95 °F)
Storage	–10 °C to 45 °C (14 °F to 113 °F)
Relative humidity (maximum)	20% to 80% (noncondensing)
Maximum vibration (measured using a random vibration spectrum that simulates user environment)	
Operating	0.25 GRMS
Storage	2.20 GRMS
Maximum shock (measured with hard drive in operating status and a 2-ms half-sine pulse for operating. Also measured with hard drive in head-parked position and a 2-ms half-sine pluse for storage)	
Operating	40 G for 2 ms with a change in velocity of 20 in/s (51 cm/s)
Storage	50 G for 26 ms with a change in velocity of 320 in/s (813 cm/s)
Altitude (maximum)	
Operating	–15.20 m to 3048 m (–50 ft to 10,000 ft)
Storage	–15.20 m to 10,668 m (–50 ft to 35,000 ft)
Airborne contaminant level	G2 or lower as defined by ISA-S71.04-1985